WHAT IS CLAIMED IS:

1	1. An implantable system for draining cerebrospinal fluid (CSF), said
2	system comprising:
3	a conduit having a first opening and a second opening, the first opening of the
4	conduit being adapted to be disposed in fluid communication with a space within a patient's
5	CSF space and the second opening being adapted to be disposed in fluid communication with
6	a drainage location in another portion of the patients body;
7	a pump coupled to the conduit to induce flow from the CSF space to the
8	drainage location; and
9	an implantable power source connectable to power the pump.
1	2. A system as in claim 1, wherein the pump is of a type selected from th
2	group consisting of diaphragm pumps, piston pumps, rotor pumps, peristaltic pumps, and
3	screw pumps.
1	3. A system as in claim 1, wherein the power source is a battery.
1	4. A system as in claim 1, wherein the power source is a mechanical
2	energy storage device.
1	5. A system as in claim 1, wherein the pump is adapted to be operated or
2	demand.
1	6. A system as in claim 1, wherein the pump is pre-programmed to
2	operate on a schedule.
1	7. A system as in claim 1, wherein the pump comprises a hermetically
2	sealed pump drive.
1	8. A system as in claim 1, further comprising a recirculation loop and a
2	valve in the recirculation loop, wherein the valve selectively directs flow to the drainage end
3	of the conduit or to an inlet of the pump.
1	9. A system as in claim 8, further comprising a pressure controller
2	connected to the valve to control pump bypass flow in response to pressure.
1	10. A system as in claim 1, wherein the conduit comprises:

2	a ventricular catheter having a proximal end and a distal end adapted for
3	implantation into the CSF space; and
4	a peritoneal catheter having a proximal end and a distal end adapted for
5	implantation into the drainage location in the patient's peritoneum, wherein the pump is
6	connected to receive CSF from the ventricular catheter and deliver CSF to the peritoneal
7	catheter.
1	11. A system as in claim 10, wherein the ventricular catheter has a length
2	in the range from 10 cm to 50 cm and a lumen having a diameter in the range from 0.1 mm to
3	2 mm.
1	12. A system as in claim 10, wherein the peritoneal catheter has a length in
2	the range from 25 cm to 125 cm and a lumen having a diameter in the range from 0.1 mm to
3	2 mm.
1	13. A method for draining cerebrospinal fluid (CSF) from a CSF space of a
2	patient, said method comprising:
3	providing energy to an implanted pump coupled to a conduit, implanted to
4	drain CSF from the CSF space to a drainage location.
1	14. A method as in claim 13, wherein the energy source is a battery.
1	15. A method as in claim 13, wherein the energy source is a mechanical
2	energy source.